



NEWSLETTER of the Wisconsin Entomological Society

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Les Ferge, Editor

March 1990

NEXT MEETING TO BE IN MADISON ON MARCH 24

The next meeting of the Wisconsin Entomological Society will begin at 1:30 PM, Saturday, March 24, in room 150 Russell Labs, on the University of Wisconsin Madison campus. Russell Labs is located at the corner of Babcock and Linden Drives, and parking is available in the lot behind the building, which is entered from Observatory Drive.

This will be a very informal meeting, with one or two short talks being planned. The main feature of the program will be a "Museum Work Day" at the U. W. Insect Museum. This is an excellent chance for members to view the Entomology Department reference collection, as well as an opportunity to see where W. E. S. members can add to the resources available to us. There are a number of areas where members can help out, such as donating material or mounting specimens.

PRESIDENT'S NOTES

Phil Pellitteri

What will the new decade bring? Well, one entomological treat will be the emergence of brood XIII of the 17-year cicada (Magicalicada septendecim). Activity should start in late May, and will affect the southern quarter of the state. We have records from Crawford, Richland, Sauk, Dane, Jefferson, Waukesha and Milwaukee Counties and southward. The extent of the emergence is hard to predict, but the destruction of woodlands and tilling of the land have greatly reduced the size of most broods. It should be fun to see the press get excited about this. Maybe we can teach them something about the wonderful world of insects.

The fight is still on to name a national insect. It seems the honey industry is lobbying very hard to designate the honey bee instead of the Monarch. Even with the support of the Entomological Society of America, the National Audubon Society, the Xerces Society, plus numerous zoological and entomological societies, garden clubs and school children, it seems the Monarch has an uphill battle. I have nothing against the honey bee, and it is easy to point out the benefits derived from this imported hymenopteran, but let's face the facts. I quote Dr. Robert Jeanne, U. W. Entomology professor

(continued on page 2)

The Newsletter of the Wisconsin Entomological Society is published three times a year, at irregular intervals. It is provided to encourage and facilitate the exchange of information by the membership, and to keep the members informed of the activities of the organization. Members are strongly encouraged to contribute items for inclusion in the Newsletter. Please send all news items, notes, new or interesting insect records, season summaries, research requests etc. to the editor: Les Ferge, 7119 Hubbard Avenue, Middleton, WI 53562.

and a past president of the Wisconsin Entomological Society:

"If economic importance and promotion of a particular business interest group are to be the criteria, then after naming the honey bee we should undo the work of the founding fathers, strike the eagle from our coins and stamps, and do it right this time, by replacing it with the chicken: it is non-native, domesticated, widespread, and is the basis of a large industry with political clout--just like the honey bee."

It requires 218 congressmen and 51 senators to co-sponsor a commemorative bill. We need to continue to urge congressional delegates to co-sponsor H. J. Res. 411 and encourage senators to initiate a similar bill in the Senate. Aside from personal letters from W. E. S. members, it might be worth mentioning to school groups or other individuals you meet when you are sharing your interest in insects. I know there are more important things going on in Washington, but if we cannot select a national insect that is, in the words of Dr. Jeanne, "free of the baggage of special business interest, then we should not have one."

1989 PHOTO SALON

The winning entry in the 1989 Photo Salon was "Mating Peacocks" by Ann Swengel (below). The runners-up, appearing on the next page, included "Hairstreak Caught by Spider" by Ann Swengel (upper left); "Buck Moths" by Les Ferge (upper right); "Weevils" by Greg Lintereur (lower right); and "Magnified Tiger Swallowtail Hindwing" by Les Ferge (lower left).





LEPIDOPTERISTS' SOCIETY MEETING TO BE IN MILWAUKEE

The Lepidopterists' Society will hold its 41st annual meeting at the Milwaukee Public Museum June 14-17, 1990. In addition to the presented papers, two symposia will be included, on 1) the biology of butterflies and moths in the upper midwest region of North America, and 2) the biology of caterpillars. Following adjournment of the meeting on Sunday, a half-day field trip (optional overnight) to the University of Wisconsin-Milwaukee Field Station at the Cedarburg Bog is planned. For further information, contact Allen Young or Susan Borkin, Invertebrate Zoology Section, Milwaukee Public Museum, 800 W. Wells Street, Milwaukee, WI 53233. Phone (414) 278-2758.

INSECT SURVEYS ON STATE NATURAL AREAS NEEDED

The Wisconsin Department of Natural Resources' Bureau of Endangered Resources protects and manages 228 State Natural Areas throughout Wisconsin. These areas contain natural plant communities such as prairies, fens, oak forests, or oak savannas, which have suffered little or no alteration or disturbance since settlement of the state. Though much is known about what plant and vertebrate species inhabit these protected native communities, almost nothing is known about the insect composition of our State Natural Areas. This information is needed especially by those responsible for managing the vegetation of these sites in a way that will preserve their natural integrity.

Volunteers wishing to contribute to a greater understanding of what insects (even the Lepidoptera alone) are found on these natural sites are encouraged to contact Randy Hoffman of the Natural Areas Program, Bureau of Endangered Resources, Wisconsin DNR, P. O. Box 7921, Madison, WI 53707, or phone (608) 267-7758, to obtain information on what State Natural Areas occur in your vicinity, and which ones are especially in need of insect inventories. One particular and immediate need is for inventories of the State-Threatened Swamp Metalmark butterfly (Calephelis muticum) on fens in southern and southeastern Wisconsin. Any insect information for these sites would be welcome, however.

The necessary permits for such work are easy to obtain. Permits to collect any animal or plant on a State Natural Area can be obtained by contacting Signe Holtz at the Bureau of Endangered Resources, phone (608) 266-9671. Permits to collect any insects on the Threatened/Endangered list (see Wis. Entom. Soc. Newsletter Vol. 16, No. 2, May 1989) can be obtained by contacting Irene Schmidt at the Bureau of Endangered Resources, phone (608) 267-0281.

RESEARCH REQUEST

I am interested in learning about any Wisconsin localities where the Great Copper Butterfly, Gaeides xanthoides dione has been collected or observed, for a natural history and distribution study of this species. Old records and natural history observations would be greatly appreciated. Please contact Susan Borkin, Invertebrate Zoology Section, Milwaukee Public Museum, 800 W. Wells Street, Milwaukee, WI 53233.

NOTICES

FOR SALE: Redwood insect boxes, standard 9" x 13" x 2½" size. \$6.00 each. Jim Parkinson, 1951 James Street, Mosinee, WI 54455.

FOR SALE: U.S.N.M. and Cornell drawers, or will build custom sizes - your choice of woods. Very reasonably priced. Contact Bill Lorenze, 1325 Buena Vista, Sun Prairie, WI 53951.

CONTRIBUTORS: Carol Ferge (CF), Les Ferge (LF), Hugo Kons Jr. (HK), Bob Leary (BL), Jim Parkinson (JP), Clark Schultz (CS), Ann Swengel (AS), Tim Vogt (TV).

Despite a rather cool spring, the emergence of most species was not greatly delayed, being a few days to a week later than last year. Populations of spring butterfly species in the northwestern counties were severely depressed, likely a lingering effect of the severe drought in the region the previous two years. Pontia protodice continued to be found in much of the southern Wisconsin region it spread into last season, but in lower numbers. However, it apparently failed to survive the winter in the southeastern counties, as none were found at localities where it was common last year. A notable number of migrant butterfly species were recorded, including Pyrgus communis, Hylephila phyleus, Nathalis iole, Strymon melinus, Hemiarqus isola, Euptoieta claudia, and Junonia coenia.

New county records are indicated by the county name in CAPITAL letters, and new state records by the STATE notation.

BUTTERFLIES: Staphylus hayhurstii, 17 Aug, GRANT Co, STATE (JP). Erynnis martialis, 27-28 May, Burnett, WASHBURN Cos (LF). Pyrgus communis, 2 Sept, WAUKESHA Co (HK); 17 Sept, Crawford Co (CF, LF); 24 Sept, Sauk Co (AS). Pholisora catullus, 22 May, Sauk Co (AS); 1-11 June, Winnebago Co (CS); 29 Aug, Grant Co (AS). Oarisma powesheik, 2, 21 July, Waukesha Co (CF, LF). Hylephila phyleus, 8 July, 7 Aug, Grant Co (JP, AS). Hesperia comma laurentina, 15-16 Aug, BAYFIELD Co (photo-AS). Hesperia ottoe, 3, 25 July, Sauk Co and 2 Aug, Green Co, abundant (AS); 8 July, 7 Aug, Grant Co (JP, AS); 8 July, Crawford Co (LF). Hesperia leonardus leonardus, 15-16 Aug, BAYFIELD Co; 18 Aug, Burnett, JACKSON Cos; 24 Aug-20 Sept, Sauk Co (photos-AS); 25-26 Aug, MENOMINEE Co (HK); 23 Aug, MARATHON Co (JP). Poanes massasoit, 20 July, OUTAGAMIE Co (HK); 23 July, Kenosha Co (LF). Poanes viator, 23 July, KENOSHA Co (LF); 28 July, 10 Aug, OUTAGAMIE Co (HK). Euphyes dion, 23 July, Kenosha Co (LF); 28 July, OUTAGAMIE Co (HK). Euphyes bimacula, 5 July, JACKSON Co (photo-AS). Amblyscirtes hegon, 3 June, Langlade Co (HK); 7 June, Marathon Co (JP); 16 June, ONEIDA Co (LF, HK); 20 June, BAYFIELD Co (sight-AS). Eurytides marcellus, 27 Aug, ADAMS Co (sight-TV). Heraclides cresphontes, 1 June, 5 Sept, Sauk Co; 18 Aug, BURNETT Co (photo-AS); 9 Aug, GREEN LAKE Co (BL); 18 Aug, JACKSON Co (JP); 2 Sept, Waukesha Co (HK). Pontia protodice, 4 June-26 Sept, Crawford Co (CF, LF, JP); Grant Co (JP); Green Co (AS); Marathon Co (JP); Green Lake, MARQUETTE, Waushara Cos (BL). Pieris napi oleracea, 29 June, OUTAGAMIE Co (HK); 1 Aug, Walworth Co (AS). Pieris virginiensis, 3 June,

Langlade Co (HK). Nathalis iole, 8 July-17 Sept, Crawford Co (CF, LF, JP); Grant, TREMPLEALEAU Cos (JP); Sauk Co (AS). Gaeides xanthoides dione, 8 July, Grant Co (JP); 4, 10 July, Sauk Co (AS). Epidemia epixanthe, 5 July, JACKSON Co (sight-AS); 12 July, BAYFIELD Co (photo-AS). Epidemia helloides, 23 July, Kenosha Co (LF); 1 Aug, Walworth Co; 8 Aug, Rock Co (AS). Satyrium acadicum, 2 July-3 Aug, Jefferson, Sauk, Walworth Cos (AS); Outagamie Co (HK); Waukesha Co (CF, LF); Winnebago Co, nectaring on Swamp Milkweed (CS). Incisalia henrici, 21 May, Adams Co (JP); 27 May, Burnett Co, more common than usual (LF, JP); 28 May, Douglas Co (LF). Strymon melinus, 11 June, 11 Aug, OUTAGAMIE, WINNEBAGO Cos (HK); 13 June, SAUK Co (photo-AS); 18 July, JEFFERSON Co (sight-AS). Hemiargus isola, 29 June, GREEN LAKE Co (BL); 15 July, Sauk Co (sight-AS). Lycaeides idas nabokovi, 1 July, Marinette Co (JP). Lycaeides melissa samuelis, 27 May, Eau Claire Co (JP); 10 June, GREEN LAKE Co (BL); 19 June, Wood Co; 5 July, 18 Aug, Jackson Co (AS). Euptoieta claudia, 4 June, Crawford, MONROE Cos (CF, LF); 11 June, GREEN LAKE Co (BL); 20 June, BAYFIELD Co (AS); 3, 13 July, Sauk Co; 2 Aug, Dane, Green Cos (sight-AS). Speyeria idalia, 3, 15 July, Dane Co (sight-AS); 2 Aug, Green Co (AS). Clossiana eunomia dawsoni, 17 June, Langlade Co (JP); 20 June, BAYFIELD Co (photo-AS). Clossiana frigga, 4, 17 June, Langlade Co (JP); Clossiana freiya, 4 June, Oneida Co (JP); Charidryas gorgone carlota, 1 June-23 July, Winnebago Co, ovipositing on Helianthus giganteus and Ratibida pinnata (CS); 17-28 July, OUTAGAMIE Co (HK). Charidryas harrisi, 18 June, Marathon Co; 1 July, Forest Co (JP); 5 July, JACKSON Co, 12 July, ASHLAND Co (photos-AS). Phyciodes batesii, 16 June, Oneida Co (CF, LF, HK); 17 June, Burnett Co (CF). Polygonia faunus, 27 May, BURNETT Co, 4 July, Marathon Co (JP). Junonia coenia, 3 July-29 Aug, Iowa, Sauk Cos (AS); Kenosha, Rock Cos (CF). Satyroides eurydice fumosa, 23 July, Kenosha Co (LF). Erebia discoidalis, 28 May, DOUGLAS Co (sight-JP). Oeneis jutta ascerta, 27 May-21 June, Ashland Co (AS); Douglas, Langlade, Marathon Cos (JP).

MOTHS: **TORTRICIDAE** - Eucosma giganteana, 10 Aug, Kenosha Co; 21 July, 11 Aug, Waukesha Co (LF). Eucosma bipunctella, 9 June, Kenosha Co; 2 July, Waukesha Co (LF). **LASIOCAMPIDAE** - Heteropacha rileyana, 8 July, Grant Co (JP). **SATURNIIDAE** - Hemileuca sp. (wetland), 26 Sept, Marathon Co (JP); 1 Oct, ADAMS, MONROE Cos (CF, LF). **SPHINGIDAE** - Manduca sexta, 10 August, KENOSHA Co (LF). Manduca quinquemaculata, 16 Aug, WAUPACA Co (HK). Sphinx eremitus, 7 July, Trempealeau Co (JP). Sphinx poecila, 2, 21 July, WAUKESHA

Co (LF). Sphinx luscitiosa, 16 June, Oneida Co (LF). Hemaris gracilis, 16 June, Oneida Co (HK). Sphecodina abbottii, 7, 18 June, Marathon Co (JP); 22 June, WINNEBAGO Co (HK). NOTODONTIDAE - Heterocampa subrotata, 8 July, CRAWFORD Co (LF). Schizura badia, 11 Aug, Waukesha Co (LF).

ARCTIIDAE - Lycomorpha pholus, 17 Sept, Grant Co (LF). Phragmatobia lineata, 2 July, WAUKESHA Co; 22 July, KENOSHA Co (LF). Arctia caia, 3 Aug, Vilas Co (JP). Grammia anna, 7 July, TREMPLEAU Co (JP). Cycnia inopinatus, 11 Aug, WAUKESHA Co (LF). NOCTUIDAE - Macrochilo bivittata, 2 June-11 Aug, WAUKESHA Co (LF). Catocala innubens, abbreviatella, amestris and clintoni, 8 July, Grant Co (JP). Catocala piatrix and nuptialis, 13 Aug, Trempealeau Co (JP). Catocala praeclara, 26 July, Marathon Co (JP). Tarachidia binocula, 29 June-10 Aug, Waukesha Co; 11 Aug, KENOSHA Co (LF). Tarachidia tortricina, 21 July, WAUKESHA Co, STATE (LF). Acontia aprica, 1 Sept, KENOSHA Co (LF). Crymodes burgessi, 1 Sept, KENOSHA Co (JP). Crymodes relicina, 5 Sept, DANE Co (LF). Luperina stipata, 10 Aug, 1 Sept, KENOSHA Co; 1 Aug, 2 Sept, WAUKESHA Co (LF). Spartiniphaga inops, 1, 21 Sept, KENOSHA Co; 2 Sept, WAUKESHA Co, STATE (LF). Hypocoena enervata (det. E. Metzler), 10 Aug, KENOSHA Co, STATE (LF). Papaipema cerina, 21 Sept, KENOSHA Co (LF).

Papaipema lysimachiae, 1 Sept, KENOSHA Co (LF). Papaipema nepheleptena, 5, 30 Sept, Dane Co; 21 Sept, KENOSHA Co (LF). Papaipema appassionata, 3 Sept, MARATHON Co (JP); 8 Sept, VILAS Co (LF). Papaipema silphii, 2 Sept, WAUKESHA Co; 21 Sept, KENOSHA Co (LF, JP). Papaipema maritima (det. E. Quinter), 21 Sept, KENOSHA Co, STATE (LF). Papaipema sciata, 21 Sept, KENOSHA Co; 30 Sept, DANE Co (LF). Papaipema beeriana, 1, 21 Sept, KENOSHA Co; 2 Sept, WAUKESHA Co, STATE (LF, JP). Hydroecia stramentosa, 10 Aug, 1 Sept, KENOSHA Co (LF, JP); 19 Sept, DANE Co (LF). Iodopepla u-album, 3 June, MONROE Co; 10 Aug, KENOSHA Co (LF). Trichordestra rugosa, 16 June, Oneida Co (HK); 17 June, LANGLADE Co; 1, 26 July, MARATHON Co (JP). Faronta rubripennis, 10 Aug, KENOSHA Co (LF). Tricholita notata, 1, 21 Sept, KENOSHA Co; 2 Sept, WAUKESHA Co, STATE (LF, JP). Eucrotopcnemis fimbriaris, 21 Sept, KENOSHA Co (LF).

Euxoa niveilinea, 21 Sept, KENOSHA Co (LF). Heliothis borealis, 27 May, BURNETT Co (CF). Schinia indiana, 28 May, 3 June, Eau Claire Co (CF, LF, JP). Schinia septentrionalis, 1 Sept, KENOSHA Co (JP). Schinia jaguarina, 4 June, CRAWFORD Co (LF). Schinia oleagina, 11 Aug, WAUKESHA Co (LF). Schinia trifascia, 10 Aug, KENOSHA Co (LF). Schinia florida, 21-27 July, MARATHON Co, on evening primrose flowers (JP). Schinia lucens, 8 July, Grant Co (JP).

WIS. ENTOMOLOGICAL SOCIETY
Les Ferge, Editor
7119 Hubbard Avenue
Middleton, WI 53562